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Azeotropic or quasi-azeotropic composition useful for the cleaning or drying of solid surfaces and for the removal of solder flux, comprises azeotropes of n-perfluorobutyl-ethylene and 1,1,1,3,3-pentafluorobutane

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Abstract (Basic): WO 200325109 A1

NOVELTY - Azeotropic or quasi-azeotropic composition comprises:

- (1) n-perfluorobutyl-ethylene (1 - 99%, preferably 1 - 80%); and
- (2) 1,1,1,3,3-pentafluorobutane (HFC 365mfc) (1 - 99%, preferably 20 - 99%), as a replacement for 1,1,2-trichloro-1,2,2-trifluoroethane (F113) which is now prohibited along with all CFC compounds.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the use of the composition.

USE - The compositions are useful for the cleaning or drying of

solid surfaces and for the remove of solder flux. The compositions can be applied by use of a unit adapted for cleaning purposes or by aerosol application. They can also be used as blowing agents for polyurethane foam plastics, dry cleaning agents for fabrics and as refrigerant fluids.

ADVANTAGE - The compositions can be prepared by simple mixing of the constituents. They are very efficient in the cleaning and de-greasing of solid surfaces and also for drying and de-watering, and are non-flammable.

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